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SHEET

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To the Honorable Commissioner of Patents and Trademarks

attached original documents or copy thereof.

1. Name of conveying party(ies):  
Mitsuhiro MASUDA  
Yoshiharu OISHI  
Kazushi SUZUKI  
Harunobu TSUCHIYA  
  
10/29/02  
Additional name(s) of conveying party(ies) attached?  Yes  No

2. Name and address of receiving party(ies):  
STAR MICRONICS CO., LTD.  
20-10, Nakayoshida, Shizuoka-shi, Shizuoka, Japan  
  
Additional name(s) & address(es) attached?  Yes  No

J1011 U.S. PTO  
10/28/2002  
10/29/02

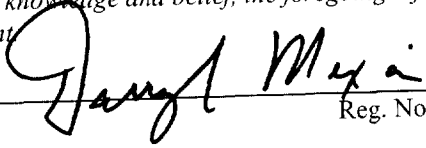
3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other  
  
Execution Date: October 17, 2002

4. Application number(s) or patent number(s):  
If this document is being filed together with a new application, the execution date of the application is: October 17, 2002  
A. Patent Application No.(s)  
10/282082  
B. Patent No.(s)  
Not Yet Assigned  
Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
SUGHRUE MION, PLLC  
2100 Pennsylvania Avenue, N.W.  
Suite 800  
Washington, D.C. 20037-3213

6. Total number of applications and patents involved: 1  
7. Total fee (37 CFR 3.41): \$40.00  
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The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.  
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*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*  
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11/01/2002 LMUELLER 00000121 10282082  
01 FC:8021 40.00 DP

# ASSIGNMENT

Whereas, ~~I~~we Mitsuhiro MASUDA, Yoshiharu OISHI,  
Kazushi SUZUKI and Harunobu TSUCHIYA all of Shizuoka, Japan

hereinafter called assignor(s), have invented certain improvements in

ELECTROACOUSTIC TRANSDUCER

and executed an application for Letters Patent of the United States of America therefor on

October 17, 2002; and

Whereas, STAR MICRONICS CO., LTD. of  
20-10, Nakayoshida, Shizuoka-shi,  
Shizuoka, Japan

(assignee), desires to acquire the entire right, title and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. § 119, and I/we request the Director – U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

I/We hereby authorize and request my/our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3213 to insert here in parentheses (Application number \_\_\_\_\_, filed \_\_\_\_\_) the filing date and application number of said application when known.

Date: October 17, 2002 s/ Mitsuhiro Masuda  
Mitsuhiro MASUDA

Date: October 17, 2002 s/ Yoshiharu Oishi  
Yoshiharu OISHI

Date: October 17, 2002 s/ Kazushi Suzuki  
Kazushi SUZUKI

Date: October 17, 2002 s/ Harunobu Tsuchiya  
Harunobu TSUCHIYA

Date: s/ \_\_\_\_\_

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)